

Title: IMPROVED INDICATOR TOOL FOR USE WITH AN IMPLANTABLE MEDICAL DEVICE  
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## **IMPROVED INDICATOR TOOL FOR USE WITH AN IMPLANTABLE MEDICAL DEVICE**

### **ABSTRACT**

The invention is directed toward a magnetic indicator tool used to determine the setting of an implantable medical device. The implantable medical device includes a magnetic indicator device coupled to a valve on the implantable medical device. External magnetic fields, specifically earth's magnetic field, may interfere with a conventional compass and create an incorrect device setting indication. The magnetic indicator tool estimates the external magnetic fields to subtract the estimate from received data to minimize any influence that external magnetic field has on the accuracy of the device setting measurement.